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Training Final Report

DATA ACCESS AND TRANSMISSION ACTIVITY –
Phase II

MINISTRY OF PLANNING
ARAB REPUBLIC OF EGYPT
February 28, 2006

Booz | Allen | Hamilton

International Management & Communications Corporation

PCE-I-00-98-00013-00, Task Order # 806

Executive Summary

This is the final report for the training program implemented under the Data Access and Transmission Activity (DATA) project. The report specifically recollects the final review period of August 2003 – February 2006, and moreover, the entire period of performance which commenced in September 2000 and is scheduled to end in February 2006. The revised training plan succeeded in tackling the skill gaps identified at the various ministries.

During the period in review (August 2003 - February 2006), we organized 36 training events, which were attended by 345 individual trainees. The programs were well received and usually oversubscribed by counterpart agencies.

While we encountered implementation difficulties due to funding constraints, additional training funds were provided by USAID during the current period, allowing us to deliver targeted courses in national accounts foundations, computer and technology, and English. In the case of the Central Agency for Public Mobilization and Statistics (CAPMAS), our main focus was the upcoming 2006 national census. Major successes included our ability to offer US Bureau of Census courses in Cairo for government personnel who were unable to travel to the US, and a five member observational study tour to the US Census Bureau. Training contacts were identified in all beneficiary Egyptian governmental agencies, and course requests submitted and coordinated with the USAID-funded START project.

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1. INTRODUCTION

1.1 Background

The purpose of this report is to update the United States Agency for International Development (USAID) on the training plan that was implemented under the Data Access and Transmission Activity (DATA) project during the period August 2003-February 2006. This report follows the skills gap assessment conducted by the DATA project between November 2003 and February 2004 and forms part of a series of training related reports submitted since the start of the DATA project on July 15, 2000. The reports submitted thus far include the following:

- DATA Training Plan, submitted November 2000, covering the period July 2000 – June 2003
- First Yearly Report (September 1, 2000 – August 31, 2001), and Training Plan (September 1, 2001 – August 31, 2002), submitted September 2001
- Second Yearly Report (September 1, 2001 – September 30, 2002) and Training Plan (October 1, 2002 – September 30, 2003), submitted October 2002
- Draft Training Plan (October 1, 2003 – September 30, 2005) and Training Update (October 31, 2002 – July 31, 2003), submitted August 1, 2003
- Update to Skills Gap Assessment, submitted April 2004, covering the period November 2003 – February 2004

1.2 Training Beneficiaries

The main beneficiaries of this training program are the Ministry of Planning (MOP), Central Bank of Egypt (CBE), Ministry of Finance (MOF), Central Agency for Public Mobilization and Statistics (CAPMAS), the Ministry Foreign Trade and Industry (MOFTI) and the Ministry of Agriculture and Land Reclamation (MALR).

1.3 Training Activities – Results Achieved (Since July 2000)

DATA's training achievements have met the expectations laid out in our Training Plan, which was submitted on November 2000, and further revised in September 2001, October 2002, and August 2003, as mentioned above. We have received positive feedback from all involved Ministries, as measured by their satisfaction with the courses offered and their enthusiasm for enrolling in these courses. As of February 28, 2006, we will have trained a total of 931 individuals, and offered 118 individual courses. Some of the trainees attended more than one course, and thus there were 1649 trainee events in the areas of English, computer systems, statistics and economics, as well as specialized training in the United States.

1.4 Purpose of this Report

This report will provide information and statistics specifically on completed activities during the August 2003-February 2006 period and also on results achieved throughout the entire span of the DATA project. This report will also highlight some of the successes and difficulties encountered during the training program implementation.

The report is divided into the following sections:

> Section 2: Summary of Statistics and Achievements: This section provides information on activities accomplished to date.
> Section 3: Highlights, Success Stories, and Implementation Difficulties: This section highlights the events and breakthroughs that took place during this review period.

Appendices:

> *Appendix 1A: Attendance by Agency and Gender*
> *Appendix 1B: Attendance by Gender and Course Objective*
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2. SUMMARY STATISTICS AND ACHIEVEMENTS

2.1 Breakdown of Training (August 2003-February 2006)

The training courses were organized by the following categories in order to reflect the recommendations of the Skills Gap Assessment Update submitted on April 2004. The training courses during the period August 2003-February 2006 responded to the requests and needs of our counterpart agencies that were identified during meetings and discussions with trainees who attended previous courses. The course foci are presented below:

- *Preparation for the Upcoming 2006 National Census:* The upcoming national census is one of the topmost priorities for CAPMAS. CAPMAS specifically identified questionnaire design, quality assurance, and sampling, as areas requiring strengthening. We discussed with the Bureau of Census the possibility of offering relevant courses in Cairo.

- *Training in Cost Accounting and Budgeting:* DATA worked with CAPMAS to increase awareness of pricing policies and to facilitate wider dissemination of information while recovering costs involved in providing products and services obtained for public benefit. CAPMAS staff identified cost concepts, cost behavior, and cost accounting techniques, as applied by services-providing organizations providing service, as courses that would be beneficial in assisting them to set up sound pricing policies. In particular, Activity Based Costing/Activity Based Management (ABC/ABM) would help CAPMAS in allocating available funding to high-priority statistical objectives.

- *Training in Labor Statistics:* During our meetings with CAPMAS, a strong interest for better aligning Egyptian labor statistics with international standards was expressed, specifically in the areas of unemployment measurement. We contacted the Bureau of Labor Statistics (BLS) and pursued the possibility of conducting relevant BLS courses in Cairo, in a format similar to the one used by the Bureau of Census.

- *Strengthening of Economic Indicators Capabilities:* With the success of the DATA initiated manufacturing index and total production index (comprising tourism, agriculture, oil & petroleum, Suez, and electricity), both the Ministry of Planning and CAPMAS expressed an interest in strengthening their capabilities in this area. Their interest coincided with the objectives of the DATA Phase II project as the project was working to produce additional indices.

- *Increased Awareness of the System of National Accounts 1993:* We conducted a workshop with participants from various ministries to further

explain the system of national accounts and to solicit their participation and feedback in future statistical activities. The workshop was conducted in Arabic, by members of the DATA team along with the participation of MOP National Accounts Unit members.

- *English Language Training:* Demand for English language training was very high, although we decided to conduct specialized Bureau of Census and Bureau of Labor Statistics courses in Cairo, using Arabic and simultaneous translation to English, rather than sending trainees to the United States.

- *Training in Web Design, Network and Internet Security:* With several ministries currently designing and managing their own web sites (MOFTI, CAPMAS, MOP, and CBE), and the strong interest in providing ministry-wide and government-wide connectivity, the issue of network security gained much significance.

2.2 Total Training for Period in Review (August 2003-February 2006)

Aside from the National Accounts Unit staff, other training beneficiaries have included staff from the Government of Egypt (GOE) Ministries and agencies involved in data gathering and statistical activities. These consist of the Ministry of Planning's Computer Department (MOP), the Central Agency for Public Mobilization and Statistics (CAPMAS), the Ministry of Agriculture and Land Reclamation (MALR), the Ministry of Finance (MOF), the Central Bank of Egypt (CBE), and the Ministry of Foreign Trade and Industry (MOFTI). *Overall, during the period August 2003-February 2006, we organized 36 training events, which were attended by 345 individual trainees. Since some trainees attended more than one event, total trainees during this period amounted to 704.* When we consider the entire span of the DATA project, the numbers are even more impressive with a total of 118 training events, 931 individual trainees, 1649 total trainees.

	9/1/200- 8/31/2001	9/1/2001- 9/30/2002	10/1/200- 7/31/2003	8/1/2003- 2/28/2006	Total to Date
Number of Training Events	25	38	19	36	118
Number of Individual Trainees	155	216	215	345	931
Number of Trainee Events	182	497	266	704	1649

2.3 Training Participation by Agency

Cumulative participation by agency is shown below for the DATA project entire period of performance.

Training Participation by Agency
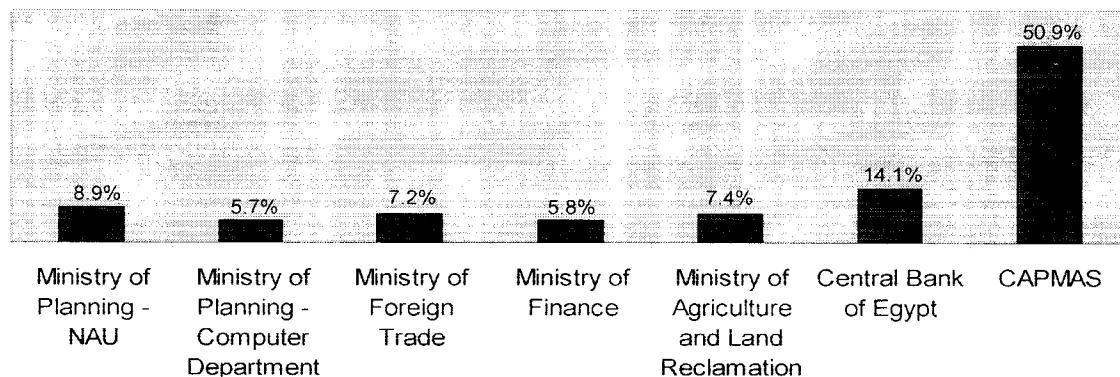
The period August 2003-February 2006 witnessed the greatest increase in the level of participation from the Central Bank of Egypt (CBE), resulting in 165 more participants than the previous period. However, the Central Agency for Public Mobilization and Statistics (CAPMAS) remained the overall main beneficiary of the DATA project's training program. The attendance figures of each respective agency are shown in the following table:

	9/1/ 2000 – 8/31/2001	9/1/2001 – 9/30/2002	10/1/2002- 7/31/2003	8/1/2003- 2/28/2006	Total to Date
MOP – National Accounts Unit	46	45	20	35	146
MOP – Computer Department	14	25	7	48	94
Ministry of Foreign Trade and Industry	7	37	16	59	119
Ministry of Finance	25	47	16	8	96
Ministry of Agriculture	6	33	24	59	122
Central Bank of Egypt	29	26	6	171	232
CAPMAS	55	284	177	324	840
Total	182	497	266	704	1649

2.4 Training Participation by Gender

In regards to the gender breakdown of participation, training recipients have remained fairly equally distributed since the beginning of the project. As of February 2006, the end of the current review period, our training program will have enrolled 749 female and 900 male trainees, a total of 1649 trainees.

The following table shows that participation was fairly distributed across gender and course objective.

Course Objective	Female Trainees	Male Trainees	Total to Date
English	244	296	540
Computer	180	246	426
Foundation	301	317	618
US Based Training	7	25	32
Observational Tours	17	16	33
Total	749	900	1649

2.5 Training Participation by Course Objective

The majority of training courses during the period August 2003-February 2005 addressed areas relevant to CAPMAS and were implemented in conjunction with our training provider, START. The distribution and frequency of implemented training courses to date, sorted by training objective, is shown below:

Trainees Distribution by Training Objective
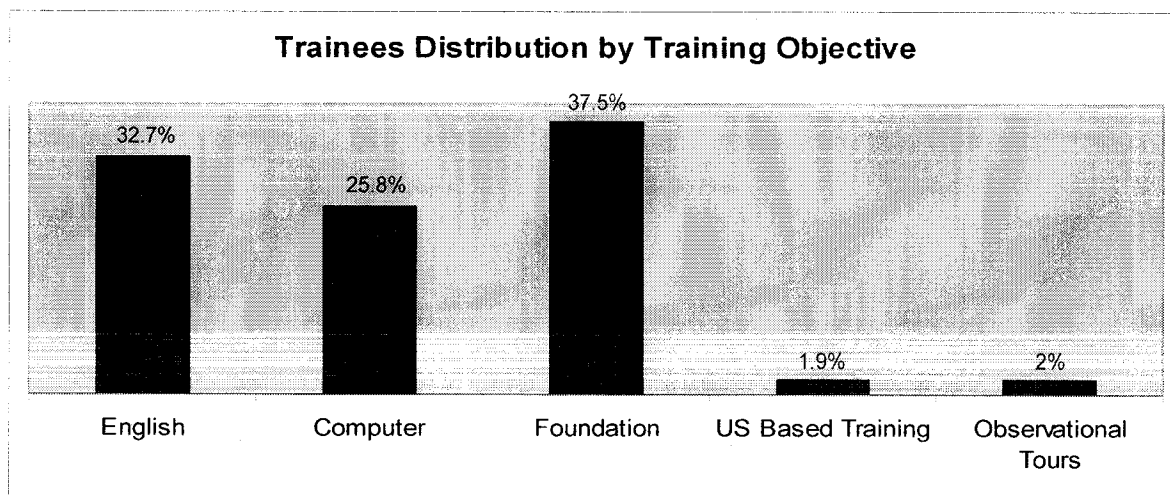
The following table also shows the total number of training participants, by objective, for each review period since the commencement of the project in September 2000.

Course Objective	9/1/ 2000 – 8/31/2001	9/1/ 2001 – 9/30/2002	10/1/2002- 7/31/2003	8/1/2003- 2/28/2006	Total to Date
English	54	135	70	281	540
Computer	98	170	78	80	426
Foundation	9	170	114	325	618
US Based Training	17	8	1	6	32
Observational Tours	4	14	3	12	33
Total	182	497	266	704	1649

As evident in the chart above, our training programs were very successful in tackling the areas of greatest interest and needs of the participating agencies—

English, computer skills, and statistical foundations. We also noted that enrollment in statistical foundations superseded that of any other single course objective during this review period.

2.6 List of Training Offered to Date

Appendix 3 provides a list of the courses offered to date while Appendix 4 provides an account of each course and the number of participating trainees from each GOE agency.

3. HIGHLIGHTS, SUCCESS STORIES AND IMPLEMENTATION DIFFICULTIES

Our training program was able to overcome some of the difficulties encountered during the previous review period and achieve various notable successes.

3.1 Success Stories

During the current review period August 2003-February 2006, the DATA project made significant strides in attaining its goals of increased national accounting awareness, English proficiency, and computer and technology skills. The slight shift from instruction in national accounting and Special Data Dissemination Standards (SDDS), to a greater awareness of cost accounting and pricing, was indeed successful. The following is a list of all courses (not including English) implemented during this review period:

Training Courses	From	To
Statistical Methods for Measuring Economic Development and Growth	08/16/2003	09/03/2003
Internet Web Page Design	12/13/2003	02/11/2004
Oracle Database Administration	12/13/2003	02/17/2004
Enterprise Security Seminar	02/24/2004	02/24/2004
International Trade Statistics Seminar	04/04/2004	04/04/2004
Measuring Employment and Unemployment	04/24/2005	05/05/2004
Cost Accounting Fundamentals	05/09/2004	05/12/2004
Constructing Price Index	05/22/2004	06/02/2004
MCSE 2003 and Macromedia Flash	08/14/2004	09/30/2004
Introduction to Quality Assurance	07/12/2005	07/25/2005
Deployment of Internet, Intranet, Firewall	09/03/2005	09/30/2005
Disaster Recovery Planning for Enterprise and Web Security	11/12/2005	11/30/2005
Microsoft Certified System Engineer	11/13/2005	02/10/2006
Active Server Page	11/13/2005	11/24/2005
Economic Indicator and Train the Trainer	11/19/2005	12/07/2005
Assessing Network Vulnerabilities and Deploying Detection System	12/10/2005	12/28/2005
Introduction to Questionnaire Design	12/10/2005	12/31/2005
English**	09/08/2003	02/28/2006

**Due to Christmas and Bairam, the implementation schedule for some English training courses were delayed and will continue to be delivered until March 2006.

The additional training funds allocated to our training program allowed us to offer courses in English, computers, and many other topics that prepared the trainees for the upcoming 2006 national census. Moreover, these courses continued to pave the

road to a broader and deeper awareness of national accounting and SDDS. START, our training provider, assisted with the implementation of numerous English courses for our Government of Egypt (GOE) counterparts, covering all levels ranging from elementary to advanced. The partnership with the Bureau of Census continued during this period and we were also able to successfully partner with the Bureau of Labor Statistics to implement additional technical training courses in a format similar to that of the Bureau of Census.

One of the main highlights and noteworthy events during this period was the successful deployment of five trainees on a 2 week Observational Study Tour to the US Census Bureau. Visas were granted to 5 individuals, two from the Ministry of Planning and three from the Central Agency for Public Mobilization and Statistics (CAPMAS), for an educational visit to the US during November 5-November 19, 2005.

Appendix 1A – Attendance by Agency and Gender

Attendance by Agency and Gender:
Sunday, February 19, 2006

Gender:	Female	
Ministry of Planning - NAU		77
Ministry of Planning - Computer Department		10
Ministry of Foreign Trade		32
Ministry of Finance		34
Ministry of Agriculture and Land Reclamation		50
Central Bank of Egypt		74
CAPMAS		472
	Total Attendees	749

Gender:	Male	
Ministry of Planning - Other		10
Ministry of Planning - NAU		64
Ministry of Planning - Computer Department		79
Ministry of Foreign Trade		87
Ministry of Finance		62
Ministry of Agriculture and Land Reclamation		72
Central Bank of Egypt		158
CAPMAS		368
	Total Attendees	900

Total Trainees to Date: **1649**

Appendix 1B – Attendance by Gender and Course Objective

Attendance by Gender and Course Objective:

Sunday, February 19, 2006

<u>Female</u>   <u>Trainees</u>

Objective: Computer

Total Trainees to Date for Computer	=	180

Objective: English

Total Trainees to Date for English	=	244

Objective: Foundation

Total Trainees to Date for Foundation	=	176

Objective: Observational Tours

Total Trainees to Date for Observational Tours	=	17

Objective: Technical

Total Trainees to Date for Technical	=	125

Objective: US Based Training

Total Trainees to Date for US Based Training	=	7

749

<u>Male</u>   <u>Trainees</u>

Objective: Computer

Total Trainees to Date for Computer	=	246

Objective: English

Total Trainees to Date for English	=	296

Objective: Foundation

Total Trainees to Date for Foundation	=	195

Objective: Observational Tours

Total Trainees to Date for Observational Tours	=	16

Objective: Technical

Total Trainees to Date for Technical	=	122

Objective: US Based Training

Total Trainees to Date for US Based Training	=	25

900

Total Trainees to Date: 1649

Appendix 2 – Attendance by Agency and Course Objective

Attendance by Agency and Course Objective:
Sunday, February 19, 2006

Objective: Computer

Ministry of Planning - NAU	56
Ministry of Planning - Computer Department	37
Ministry of Foreign Trade	33
Ministry of Finance	88
Ministry of Agriculture and Land Reclamation	35
Central Bank of Egypt	51
CAPMAS	126
Total Trainees to Date for Computer = 426	

Objective: English

Ministry of Planning - NAU	18
Ministry of Planning - Computer Department	11
Ministry of Foreign Trade	27
Ministry of Finance	4
Ministry of Agriculture and Land Reclamation	48
Central Bank of Egypt	167
CAPMAS	265
Total Trainees to Date for English = 540	

Objective: Foundation

Ministry of Planning - Other	7
Ministry of Planning - NAU	20
Ministry of Planning - Computer Department	17
Ministry of Foreign Trade	30
Ministry of Agriculture and Land Reclamation	25
Central Bank of Egypt	9
CAPMAS	263
Total Trainees to Date for Foundation = 371	

Objective: Observational Tours

Ministry of Planning - NAU	21
Ministry of Planning - Computer Department	1
Ministry of Agriculture and Land Reclamation	1
CAPMAS	10

Sunday, February 19, 2006

Total Trainees to Date for Observational Tours	=	33

Objective: Technical

Ministry of Planning - Other	3
Ministry of Planning - NAU	20
Ministry of Planning - Computer Department	18
Ministry of Foreign Trade	22
Ministry of Finance	4
Ministry of Agriculture and Land Reclamation	13
Central Bank of Egypt	5
CAPMAS	162

Total Trainees to Date for Technical	=	247

Objective: US Based Training

Ministry of Planning - NAU	6
Ministry of Planning - Computer Department	5
Ministry of Foreign Trade	7
CAPMAS	14

Total Trainees to Date for US Based Training	=	32

Total Trainees to Date: 1649

Appendix 3 – List of Training Offered to Date

List of Training Offered to Date:

Sunday, February 19, 2006

	Course Name	Course Objective	Start Date	End Date	Provider	Training Hours per Week	Meeting Days per Week	Estimated Training Hrs/course	Total Trainees	Cumulative Training Weeks
1	ELTTP 1-B	English	9/14/2000	12/27/2000	American University in Cairo	15	5	223	6	33
2	ELTTP 2-A	English	9/14/2000	12/27/2000	American University in Cairo	15	5	223	7	72
3	English Language	Observational Tours	9/14/2000	12/27/2000	Booz Allen Hamilton	15	5	223	11	133
4	ELTTP 1-A	English	1/8/2001	4/10/2001	American University in Cairo	15	5	197	2	143
5	ELTTP 1-B	English	1/8/2001	4/10/2001	American University in Cairo	15	5	197	2	153
6	ELTTP 2-A	English	1/8/2001	4/10/2001	American University in Cairo	15	5	197	1	158
7	ELTTP 2-B	English	1/8/2001	4/10/2001	American University in Cairo	15	5	197	2	168
8	MS Windows and Office 2000	Computer	1/20/2001	4/26/2001	Middle East Advisory Group (MEAG)	12	3	165	34	308

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List of Training Offered to Date:

Sunday, February 19, 2006

	Course Name	Course Objective	Start Date	End Date	Provider	Training Hours per Week	Meeting Days per Week	Estimated Training Hrs/course	Total Trainees	Cumulative Training Weeks
9	ELTTP 1-B	English	4/29/2001	7/25/2001	American University in Cairo	15	5	186	18	392
10	ELTTP 2-A	English	4/29/2001	7/25/2001	American University in Cairo	15	5	186	4	411
11	ELTTP 2-B	English	4/29/2001	7/25/2001	American University in Cairo	15	5	186	1	416
12	ELTTP 3-A	English	4/29/2001	7/25/2001	American University in Cairo	15	5	186	3	430
13	Advanced Data Analysis	Foundation	5/2/2001	7/4/2001	Statistics Institute - Cairo University	6	2	54	9	442
14	LAN Concepts	Computer	5/5/2001	5/19/2001	International Business Machines (IBM)	12	2	24	7	446
15	Unix Basics, Programming and Administration	Computer	6/26/2001	8/17/2001	Solutions Plus	12	2	89	9	466
16	Economic Indicators	US Based Training	7/2/2001	8/3/2001	US Bureau of Labor Statistics	40	5	183	4	484

List of Training Offered to Date:

Sunday, February 19, 2006

Course Name	Course Objective	Start Date	End Date	Provider	Training Hours per Week	Meeting Days per Week	Estimated Training Hrs/course	Total Trainees	Cumulative Training Weeks
17 Advanced MS Access	Computer	7/7/2001	8/16/2001	ICL	6	2	34	27	507
18 Sampling Surveys and Statistical Methods	US Based Training	8/6/2001	8/31/2001	US Bureau of Labor Statistics	40	5	143	6	528
19 Oracle Database Skills	Computer	8/11/2001	11/5/2001	ICL	10	2	123	10	559
20 Oracle Database Skills	Computer	8/12/2001	1/29/2002	ICL	10	2	243	12	632
21 Analyzing Labor Statistics	US Based Training	8/13/2001	9/21/2001	US Bureau of Labor Statistics	40	5	223	2	643
22 Constructing Prices Indexes	US Based Training	8/13/2001	9/21/2001	US Bureau of Labor Statistics	40	5	223	1	649
23 Observational Tour - US Census, BLS, BEA	Observational Tours	8/18/2001	9/1/2001	Various (Observational Tours)	40	5	80	2	653
24 Microcomputer Processing of Census	US Based Training	9/4/2001	9/28/2001	US Bureau of Census	40	5	137	4	667

List of Training Offered to Date:

Sunday, February 19, 2006

	Course Name	Course Objective	Start Date	End Date	Provider	Training Hours per Week	Meeting Days per Week	Estimated Training Hrs/course	Total Trainees	Cumulative Training Weeks
25	Observational Tour - US Census, BLS, BEA	Observational Tours	9/8/2001	9/22/2001	Various (Observational Tours)	40	5	80	2	671
26	ELTTP 1-A	English	9/18/2001	12/31/2001	American University in Cairo	15	5	223	1	677
27	ELTTP 1-B	English	9/18/2001	12/31/2001	American University in Cairo	15	5	223	6	710
28	ELTTP 2-A	English	9/18/2001	12/31/2001	American University in Cairo	15	5	223	13	782
29	ELTTP 2-B	English	9/18/2001	12/31/2001	American University in Cairo	15	5	223	7	821
30	ELTTP 3-A	English	9/18/2001	12/31/2001	American University in Cairo	15	5	223	1	827
31	Advanced MS Excel	Computer	9/22/2001	10/18/2001	Solutions Plus	8	2	30	36	854
32	National Accounts Conference - Beirut	Observational Tours	10/21/2001	10/31/2001	Economic and Social Commission for	40	5	57	5	861

List of Training Offered to Date:

Sunday, February 19, 2006

	Course Name	Course Objective	Start Date	End Date	Provider	Training Hours per Week	Meeting Days per Week	Estimated Training Hrs/course	Total Trainees	Cumulative Training Weeks
33	National Accounts Statistics - IMF	US Based Training	10/21/2001	11/15/2001	International Monetary Fund (IMF)	40	5	143	1	865
34	National Accounts Conference - Bahrain	Observational Tours	12/24/2001	12/31/2001	Arab League	24	3	24	1	866
35	Windows 2000 Professional and Server	Computer	12/26/2001	2/28/2002	Solutions Plus	12	3	110	29	946
36	ELTTP 1-A	English	1/13/2002	4/10/2002	American University in Cairo	15	5	186	3	960
37	ELTTP 1-B	English	1/13/2002	4/10/2002	American University in Cairo	15	5	186	1	965
38	ELTTP 2-A	English	1/13/2002	4/10/2002	American University in Cairo	15	5	186	2	974
39	ELTTP 2-B	English	1/13/2002	4/10/2002	American University in Cairo	15	5	186	8	1011
40	Internet Web Page Design and Development	Computer	3/30/2002	8/13/2002	Solutions Plus	15	5	291	21	1164

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List of Training Offered to Date:

Sunday, February 19, 2006

	Course Name	Course Objective	Start Date	End Date	Provider	Training Hours per Week	Meeting Days per Week	Estimated Training Hrs/course	Total Trainees	Cumulative Training Weeks
41	Observational Tour - Bureau of Census	Observational Tours	3/30/2002	4/14/2002	US Bureau of Census		40	5	86	5	1175
42	E-Views	Computer	4/7/2002	5/9/2002	Solutions Plus		15	3	69	12	1196
43	Advanced MS Windows Server	Computer	4/13/2002	6/18/2002	Solutions Plus		15	5	141	25	1284
44	ELTTP 1-A	English	4/21/2002	7/21/2002	American University in Cairo		15	5	195	24	1401
45	ELTTP 1-B	English	4/21/2002	7/21/2002	American University in Cairo		15	5	195	15	1474
46	ELTTP 2-A	English	4/21/2002	7/21/2002	American University in Cairo		15	5	195	4	1494
47	ELTTP 2-B	English	4/21/2002	7/21/2002	American University in Cairo		15	5	195	4	1514
48	Basic Introduction to Data Quality and Quality Control	Foundation	5/11/2002	5/22/2002	US Bureau of Census		40	5	63	56	1602

List of Training Offered to Date:

Sunday, February 19, 2006

	Course Name	Course Objective	Start Date	End Date	Provider	Training Hours per Week	Meeting Days per Week	Estimated Training Hrs/course	Total Trainees	Cumulative Training Weeks
49	Integrated Accounting System (IAS)	Computer	5/13/2002	5/22/2002	European Union		25	5	32	5	1606
50	Introduction to Questionnaire Design	Foundation	5/25/2002	6/5/2002	US Bureau of Census		40	5	63	61	1702
51	Managing Information Technology	US Based Training	5/28/2002	6/21/2002	US Bureau of Census		40	5	137	7	1726
52	Microcomputer Processing of Census and Surveys	Foundation	6/8/2002	7/3/2002	US Bureau of Census		40	5	143	35	1851
53	Observational Tour - Census Bureau Washington	Observational Tours	7/4/2002	7/20/2002	US Bureau of Census		40	5	91	2	1856
54	Observational Tour - Census Processing Center, Jeffersonvill	Observational Tours	7/4/2002	7/20/2002	US Bureau of Census		40	5	91	1	1858
55	Oracle Designer and Developer	Computer	7/13/2002	11/3/2002	Solutions Plus		24	3	387	21	2061
56	Macroeconomic Analysis, Econometrics, Surveys	Foundation	8/26/2002	9/26/2002	Statistics Institute - Cairo University		12	3	53	18	2085

List of Training Offered to Date:

Sunday, February 19, 2006

Course Name	Course Objective	Start Date	End Date	Provider	Training Hours per Week	Meeting Days per Week	Estimated Training Hrs/course	Total Trainees	Cumulative Training Weeks
57 E-Views	Computer	8/27/2002	9/20/2002	Solutions Plus		20	4	69	14	2109
58 ELTTP 1-A	English	9/10/2002	12/14/2002	American University in Cairo		15	5	204	9	2155
59 ELTTP 1-B	English	9/10/2002	12/14/2002	American University in Cairo		15	5	204	19	2252
60 ELTTP 2-A	English	9/10/2002	12/14/2002	American University in Cairo		15	5	204	12	2313
61 ELTTP 2-B	English	9/10/2002	12/14/2002	American University in Cairo		15	5	204	2	2323
62 ELTTP 3-A	English	9/10/2002	12/14/2002	American University in Cairo		15	5	204	1	2328
63 Integrated Accounting System (IAS)	Computer	9/30/2002	10/8/2002	European Union		25	5	29	5	2332
64 Observational Tour - Census Bureau Washington	Observational Tours	10/10/2002	10/27/2002	US Bureau of Census		40	5	97	3	2339

List of Training Offered to Date:

Sunday, February 19, 2006

	Course Name	Course Objective	Start Date	End Date	Provider	Training Hours per Week	Meeting Days per Week	Estimated Training Hrs/course	Total Trainees	Cumulative Training Weeks
65	Integrated Accounting System (IAS)	Computer	12/15/2002	12/19/2002	European Union		25	5	14	5	2341
66	ELTTP 1-A	English	1/5/2003	4/7/2003	American University in Cairo		25	5	329	9	2415
67	ELTTP 1-B	English	1/5/2003	4/7/2003	American University in Cairo		25	5	329	5	2456
68	ELTTP 2-A	English	1/5/2003	4/7/2003	American University in Cairo		25	5	329	11	2546
69	ELTTP 2-B	English	1/5/2003	4/7/2003	American University in Cairo		25	5	329	9	2620
70	ELTTP 3-A	English	1/5/2003	4/7/2003	American University in Cairo		25	5	329	1	2628
71	Advanced MS Excel	Computer	2/23/2003	2/27/2003	Solutions Plus		25	5	14	33	2640
72	Advanced MS Access	Computer	3/2/2003	3/9/2003	Solutions Plus		25	5	25	33	2661

List of Training Offered to Date:

Sunday, February 19, 2006

	Course Name	Course Objective	Start Date	End Date	Provider	Training Hours per Week	Meeting Days per Week	Estimated Training Hrs/course	Total Trainees	Cumulative Training Weeks
73	Integrated Accounting System (IAS)	Computer	3/8/2003	3/19/2003	European Union		25	5	39	9	2670
74	ELTTP 1-A	English	5/4/2003	7/22/2003	American University in Cairo		15	5	169	4	2687
75	ELTTP 1-B	English	5/4/2003	7/22/2003	American University in Cairo		15	5	169	10	2729
76	ELTTP 2-A	English	5/4/2003	7/22/2003	American University in Cairo		15	5	169	9	2767
77	ELTTP 2-B	English	5/4/2003	7/22/2003	American University in Cairo		15	5	169	10	2809
78	ELTTP 3-A	English	5/4/2003	7/22/2003	American University in Cairo		15	5	169	2	2817
79	Census Planning Workshop-Middle Managers	Foundation	6/14/2003	7/2/2003	US Bureau of Census		25	5	64	47	2892
80	Improving Data Quality	US Based Training	6/19/2003	7/12/2003	US Bureau of Census		35	5	115	1	2895

List of Training Offered to Date:
Sunday, February 19, 2006

	Course Name	Course Objective	Start Date	End Date	Provider	Training Hours per Week	Meeting Days per Week	Estimated Training Hrs/course	Total Trainees	Cumulative Training Weeks
81	Census Planning Workshop-Senior Managers	Foundation	7/5/2003	7/7/2003	US Bureau of Census		15	3	4	44	2899
82	Data Dissemination Workshop	Foundation	7/12/2003	7/22/2003	US Bureau of Census		25	5	36	23	2920
83	Statistical Methods for Measuring Eco. Dev. & Growth	Foundation	8/16/2003	9/3/2003	US Bureau of Census		25	5	64	40	2984
84	ELTTP 1-A	English	9/8/2003	12/17/2003	American University in Cairo		15	5	214	15	3064
85	ELTTP 1-B	English	9/8/2003	12/17/2003	American University in Cairo		15	5	214	9	3112
86	ELTTP 2-A	English	9/8/2003	12/17/2003	American University in Cairo		15	5	214	14	3187
87	ELTTP 2-B	English	9/8/2003	12/17/2003	American University in Cairo		15	5	214	10	3241
88	ELTTP 3-A	English	9/8/2003	12/17/2003	American University in Cairo		15	5	214	1	3246

List of Training Offered to Date:

Sunday, February 19, 2006

	Course Name	Course Objective	Start Date	End Date	Provider	Training Hours per Week	Meeting Days per Week	Estimated Training Hrs/course	Total Trainees	Cumulative Training Weeks
89	Observational Tour - Census Bureau Washington	Observational Tours	9/12/2003	9/26/2003	US Bureau of Census		40	5	80	1	3248
90	Internet Web Page Design	Computer	12/13/2003	2/11/2004	Solutions Plus		6	5	51	20	3274
91	Oracle Database Administration	Computer	12/13/2003	2/17/2004	VirgiTech-Cairo		5	4	47	18	3295
92	ELTTP-Advanced	English	2/17/2004	5/13/2004	START		15	5	184	4	3313
93	ELTTP-Intermediate	English	2/17/2004	5/13/2004	START		15	5	184	9	3354
94	ELTTP-Upper Inetrmediate	English	2/17/2004	5/13/2004	START		15	5	184	15	3423
95	Enterprise Security Seminar	Computer	2/24/2004	2/24/2004	Booz Allen Hamilton		8	1	0	32	3423
96	International Trade Statistics Seminar	Technical	4/4/2004	4/4/2004	Booz Allen Hamilton		6	1	0	18	3423

List of Training Offered to Date:

Sunday, February 19, 2006

	Course Name	Course Objective	Start Date	End Date	Provider	Training Hours per Week	Meeting Days per Week	Estimated Training Hrs/course	Total Trainees	Cumulative Training Weeks
97	Measuring Emplyment and Unemployment	Technical	4/24/2004	5/5/2004	US Bureau of Labor Statistics	5	5	8	45	3432
98	Cost Accounting Fundamentals	Technical	5/9/2004	5/12/2004	International Center for Etudes	5	4	2	3	3432
99	Constructing Price Index	Technical	5/22/2004	6/2/2004	US Bureau of Labor Statistics	5	5	8	39	3440
100	ELTTP-Advanced	English	7/4/2004	9/26/2004	Amideast	3	5	36	13	3452
101	ELTTP-Upper Intermediate	English	7/4/2004	9/26/2004	Amideast	3	5	36	6	3457
102	Microsoft Certified Systems Engineer (MCSE – 2003)	Computer	8/14/2004	9/30/2004	ITE	6	6	40	2	3459
103	ELTP	English	12/26/2004	3/12/2005	START	9	3	98	30	3533
104	ELTP	English	1/30/2005	4/10/2005	START	9	3	90	17	3571

List of Training Offered to Date:

Sunday, February 19, 2006

	Course Name	Course Objective	Start Date	End Date	Provider	Training Hours per Week	Meeting Days per Week	Estimated Training Hrs/course	Total Trainees	Cumulative Training Weeks
105	ELTP	English	3/27/2005	6/7/2005	Amideast		9	3	93	54	3697
106	ELTP	English	4/26/2005	7/9/2005	START		9	3	95	28	3763
107	Introduction to Quality Assurance	Foundation	7/12/2005	7/25/2005	US Bureau of Census		30	5	56	38	3816
108	ELTP Round 6	English	7/24/2005	10/1/2005	Amideast		0	0	0	37	3816
109	Deploying of internet, intranet, firewall, building secure n	Technical	9/3/2005	9/30/2005	Booz Allen Hamilton		0	0	0	17	3816
110	Observational Tour	US Based Training	11/5/2005	11/19/2005	Various (Observational Tours)		0	0	0	6	3816
111	Disaster Recovery Planning	Technical	11/12/2005	11/30/2005	VirgiTech-Cairo		0	0	0	9	3816
112	Active Server Page	Computer	11/13/2005	11/24/2005	ITE		0	5	0	4	3816

List of Training Offered to Date:

Sunday, February 19, 2006

	Course Name	Course Objective	Start Date	End Date	Provider	Training Hours per Week	Meeting Days per Week	Estimated Training Hrs/course	Total Trainees	Cumulative Training Weeks
113	ELTP Round 7	English	11/13/2005	1/26/2006	Amideast	0	0	0	23	3816
114	Microsoft Certified System Engineer	Computer	11/13/2005	1/25/2006	ITE	0	0	0	3	3816
115	Economic Indicators	Technical	11/19/2005	12/7/2005	US Bureau of Census	0	0	0	39	3816
116	Assessing Network Vulnerabilities	Technical	12/1/2005	12/28/2005	VirgiTech-Cairo	0	0	0	28	3816
117	Introduction to Questionnaire Deisgn	Technical	12/10/2005	12/21/2005	US Bureau of Census	0	0	0	49	3816
118	ELTTP-Round 8	English	12/18/2005	3/4/2006	START	9	3	98	7	3833

Total Trainees to Date: 1649

Appendix 4 – Attendance by Agency and Course

Attendance by Agency and Course:

Sunday, February 19, 2006

Course Name:	Active Server Page	
Ministry of Foreign Trade		4
	Total Trainees to Date = 4	

Course Name:	Advanced Data Analysis	
Central Bank of Egypt		7
CAPMAS		2
	Total Trainees to Date = 9	

Course Name:	Advanced MS Access	
Ministry of Foreign Trade		2
Ministry of Finance		22
Ministry of Agriculture and Land Reclamation		7
Central Bank of Egypt		10
CAPMAS		19
	Total Trainees to Date = 60	

Course Name:	Advanced MS Excel	
Ministry of Planning - NAU		7
Ministry of Foreign Trade		4
Ministry of Finance		16
Ministry of Agriculture and Land Reclamation		10
Central Bank of Egypt		15
CAPMAS		17
	Total Trainees to Date = 69	

Course Name:	Advanced MS Windows Server	
Ministry of Planning - Computer Department		3
Ministry of Finance		10
Ministry of Agriculture and Land Reclamation		3
CAPMAS		9
	Total Trainees to Date = 25	

Course Name:	Analyzing Labor Statistics	
CAPMAS		2

Attendance by Agency and Course:
Sunday, February 19, 2006

Total Trainees to Date =	2

Course Name: Assessing Network Vulnerabilities

Ministry of Planning - Computer Department	2
Ministry of Foreign Trade	3
Ministry of Finance	3
Ministry of Agriculture and Land Reclamation	2
CAPMAS	18
Total Trainees to Date =	28

Course Name: Basic Introduction to Data Quality and Quality Control

Ministry of Planning - NAU	3
Ministry of Planning - Computer Department	5
Ministry of Foreign Trade	5
Ministry of Agriculture and Land Reclamation	1
Central Bank of Egypt	1
CAPMAS	41
Total Trainees to Date =	56

Course Name: Census Planning Workshop-Middle Managers

Ministry of Planning - NAU	2
Ministry of Planning - Computer Department	3
Ministry of Foreign Trade	2
Ministry of Agriculture and Land Reclamation	4
CAPMAS	36
Total Trainees to Date =	47

Course Name: Census Planning Workshop-Senior Managers

Ministry of Planning - NAU	3
Ministry of Planning - Computer Department	2
Ministry of Foreign Trade	2
Ministry of Agriculture and Land Reclamation	2
CAPMAS	35
Total Trainees to Date =	44

Course Name: Constructing Price Index

Attendance by Agency and Course:
Sunday, February 19, 2006

Ministry of Planning - NAU	2
Ministry of Planning - Computer Department	4
Ministry of Foreign Trade	3
CAPMAS	30
Total Trainees to Date =	39

Course Name: Constructing Prices Indexes

CAPMAS	1
Total Trainees to Date =	1

Course Name: Cost Accounting Fundamentals

CAPMAS	3
Total Trainees to Date =	3

Course Name: Data Dissemination Workshop

Ministry of Planning - NAU	1
Ministry of Planning - Computer Department	2
Ministry of Foreign Trade	1
Ministry of Agriculture and Land Reclamation	4
CAPMAS	15
Total Trainees to Date =	23

Course Name: Deploying of internet, intranet, firewall, building secure n

Ministry of Planning - Computer Department	3
Ministry of Foreign Trade	1
Ministry of Agriculture and Land Reclamation	2
CAPMAS	11
Total Trainees to Date =	17

Course Name: Disaster Recovery Planning

Ministry of Planning - Computer Department	2
Ministry of Foreign Trade	3
Ministry of Finance	1
CAPMAS	3
Total Trainees to Date =	9

Attendance by Agency and Course:
Sunday, February 19, 2006

Course Name:	Economic Indicators	
Ministry of Planning - Other		2
Ministry of Planning - NAU		5
Ministry of Planning - Computer Department		2
Ministry of Foreign Trade		5
Ministry of Agriculture and Land Reclamation		3
Central Bank of Egypt		4
CAPMAS		22
	Total Trainees to Date =	43

Course Name:	ELTP	
Ministry of Planning - NAU		1
Ministry of Foreign Trade		2
Ministry of Agriculture and Land Reclamation		13
Central Bank of Egypt		93
CAPMAS		20
	Total Trainees to Date =	129

Course Name:	ELTP Round 6	
Ministry of Agriculture and Land Reclamation		5
Central Bank of Egypt		25
CAPMAS		7
	Total Trainees to Date =	37

Course Name:	ELTP Round 7	
Ministry of Foreign Trade		1
Central Bank of Egypt		18
CAPMAS		4
	Total Trainees to Date =	23

Course Name:	ELTTP 1-A	
Ministry of Planning - Computer Department		3
Ministry of Agriculture and Land Reclamation		13
Central Bank of Egypt		1
CAPMAS		50

Attendance by Agency and Course:
Sunday, February 19, 2006

Total Trainees to Date =	67

Course Name: ELTTP 1-B

Ministry of Planning - NAU	5
Ministry of Planning - Computer Department	3
Ministry of Foreign Trade	1
Ministry of Finance	1
Ministry of Agriculture and Land Reclamation	6
Central Bank of Egypt	4
CAPMAS	71
Total Trainees to Date =	91

Course Name: ELTTP 2-A

Ministry of Planning - NAU	6
Ministry of Planning - Computer Department	2
Ministry of Foreign Trade	5
Ministry of Finance	1
Ministry of Agriculture and Land Reclamation	4
Central Bank of Egypt	4
CAPMAS	55
Total Trainees to Date =	77

Course Name: ELTTP 2-B

Ministry of Planning - NAU	3
Ministry of Planning - Computer Department	3
Ministry of Foreign Trade	4
Ministry of Finance	1
Ministry of Agriculture and Land Reclamation	1
Central Bank of Egypt	1
CAPMAS	40
Total Trainees to Date =	53

Course Name: ELTTP 3-A

Ministry of Planning - NAU	2
Ministry of Foreign Trade	2
Ministry of Finance	1

Attendance by Agency and Course:

Sunday, February 19, 2006

CAPMAS	4
Total Trainees to Date =	9

Course Name: ELTTP-Advanced

Ministry of Foreign Trade	5
Central Bank of Egypt	9
CAPMAS	3
Total Trainees to Date =	17

Course Name: ELTTP-Intermediate

Ministry of Foreign Trade	1
Ministry of Agriculture and Land Reclamation	3
Central Bank of Egypt	1
CAPMAS	4
Total Trainees to Date =	9

Course Name: ELTTP-Round 8

Ministry of Planning - NAU	1
Central Bank of Egypt	6
Total Trainees to Date =	7

Course Name: ELTTP-Upper Inetrmediate

Ministry of Foreign Trade	4
Ministry of Agriculture and Land Reclamation	3
Central Bank of Egypt	4
CAPMAS	4
Total Trainees to Date =	15

Course Name: ELTTP-Upper Intermediate

Ministry of Foreign Trade	2
Central Bank of Egypt	1
CAPMAS	3
Total Trainees to Date =	6

Course Name: English Language

Ministry of Planning - NAU	10

Attendance by Agency and Course:
Sunday, February 19, 2006

Course Name: Internet Web Page Design

Ministry of Planning - Computer Department	6
Ministry of Foreign Trade	4
CAPMAS	10
Total Trainees to Date = 20	

Course Name: Internet Web Page Design and Development

Ministry of Foreign Trade	7
Ministry of Finance	3
Central Bank of Egypt	2
CAPMAS	9
Total Trainees to Date = 21	

Course Name: Introduction to Quality Assurance

Ministry of Planning - NAU	5
Ministry of Foreign Trade	2
Ministry of Agriculture and Land Reclamation	4
CAPMAS	27
Total Trainees to Date = 38	

Course Name: Introduction to Questionnaire Deisgn

Ministry of Planning - NAU	8
Ministry of Foreign Trade	5
Ministry of Agriculture and Land Reclamation	5
CAPMAS	31
Total Trainees to Date = 49	

Course Name: Introduction to Questionnaire Design

Ministry of Planning - NAU	3
Ministry of Foreign Trade	6
Ministry of Agriculture and Land Reclamation	2
CAPMAS	50
Total Trainees to Date = 61	

Course Name: LAN Concepts

Attendance by Agency and Course:

Sunday, February 19, 2006

Ministry of Agriculture and Land Reclamation	1
Total Trainees to Date = **11**	

Course Name: Enterprise Security Seminar

Ministry of Planning - Computer Department	7
Ministry of Foreign Trade	3
Ministry of Agriculture and Land Reclamation	8
Central Bank of Egypt	5
CAPMAS	9
Total Trainees to Date = **32**	

Course Name: E-Views

Ministry of Planning - NAU	4
Ministry of Planning - Computer Department	1
Ministry of Foreign Trade	4
Ministry of Finance	9
Central Bank of Egypt	1
CAPMAS	7
Total Trainees to Date = **26**	

Course Name: Improving Data Quality

CAPMAS	1
Total Trainees to Date = **1**	

Course Name: Integrated Accounting System (IAS)

Ministry of Planning - NAU	24
Total Trainees to Date = **24**	

Course Name: International Trade Statistics Seminar

Ministry of Planning - NAU	5
Ministry of Planning - Computer Department	1
Ministry of Foreign Trade	4
Ministry of Agriculture and Land Reclamation	1
Central Bank of Egypt	1
CAPMAS	6
Total Trainees to Date = **18**	

Attendance by Agency and Course:

Sunday, February 19, 2006

Central Bank of Egypt	3
CAPMAS	4
Total Trainees to Date = 7	

Course Name: Macroeconomic Analysis, Econometrics, Surveys

Ministry of Foreign Trade	6
Ministry of Agriculture and Land Reclamation	5
CAPMAS	7
Total Trainees to Date = 18	

Course Name: Managing Information Technology

Ministry of Planning - NAU	1
Ministry of Planning - Computer Department	5
CAPMAS	1
Total Trainees to Date = 7	

Course Name: Measuring Emplyment and Unemployment

Ministry of Planning - Other	1
Ministry of Planning - Computer Department	4
CAPMAS	40
Total Trainees to Date = 45	

Course Name: Microcomputer Processing of Census

CAPMAS	4
Total Trainees to Date = 4	

Course Name: Microcomputer Processing of Census and Surveys

Ministry of Planning - NAU	3
Ministry of Planning - Computer Department	2
Ministry of Foreign Trade	3
Ministry of Agriculture and Land Reclamation	3
CAPMAS	24
Total Trainees to Date = 35	

Course Name: Microsoft Certified System Engineer

Ministry of Finance	3

Attendance by Agency and Course:

Sunday, February 19, 2006

	Total Trainees to Date	=	3

Course Name: Microsoft Certified Systems Engineer (MCSE – 2003)

Central Bank of Egypt			2
	Total Trainees to Date	=	2

Course Name: MS Windows and Office 2000

Ministry of Planning - NAU			21
Ministry of Planning - Computer Department			2
Central Bank of Egypt			1
CAPMAS			10
	Total Trainees to Date	=	34

Course Name: National Accounts Conference - Bahrain

Ministry of Planning - NAU			1
	Total Trainees to Date	=	1

Course Name: National Accounts Conference - Beirut

Ministry of Planning - NAU			5
	Total Trainees to Date	=	5

Course Name: National Accounts Statistics - IMF

Ministry of Planning - NAU			1
	Total Trainees to Date	=	1

Course Name: Observational Tour

Ministry of Planning - NAU			3
CAPMAS			3
	Total Trainees to Date	=	6

Course Name: Observational Tour - Bureau of Census

Ministry of Planning - NAU			5
	Total Trainees to Date	=	5

Course Name: Observational Tour - Census Bureau Washington

Ministry of Planning - Computer Department			1
CAPMAS			5

Attendance by Agency and Course:
Sunday, February 19, 2006

Total Trainees to Date	**=**	**6**

Course Name: Observational Tour - Census Processing Center, Jeffersonvill

CAPMAS	1
Total Trainees to Date = 1	

Course Name: Observational Tour - US Census, BLS, BEA

CAPMAS	4
Total Trainees to Date = 4	

Course Name: Oracle Database Administration

Ministry of Planning - Computer Department	4
CAPMAS	14
Total Trainees to Date = 18	

Course Name: Oracle Database Skills

Ministry of Finance	10
Central Bank of Egypt	12
Total Trainees to Date = 22	

Course Name: Oracle Designer and Developer

Ministry of Planning - Computer Department	6
Ministry of Foreign Trade	5
CAPMAS	10
Total Trainees to Date = 21	

Course Name: Sampling Surveys and Statistical Methods

Ministry of Planning - NAU	1
Ministry of Foreign Trade	5
Total Trainees to Date = 6	

Course Name: Statistical Methods for Measuring Eco. Dev. & Growth

Ministry of Planning - Other	7
Ministry of Planning - Computer Department	3
Ministry of Foreign Trade	3
Central Bank of Egypt	1

Attendance by Agency and Course:

Sunday, February 19, 2006

CAPMAS	26
Total Trainees to Date =	40

Course Name: Unix Basics, Programming and Administration

Ministry of Planning - Computer Department	5
Ministry of Agriculture and Land Reclamation	4
Total Trainees to Date =	9

Course Name: Windows 2000 Professional and Server

Ministry of Planning - Computer Department	3
Ministry of Finance	15
Ministry of Agriculture and Land Reclamation	3
CAPMAS	8
Total Trainees to Date =	29

Total Trainees to Date:	1649